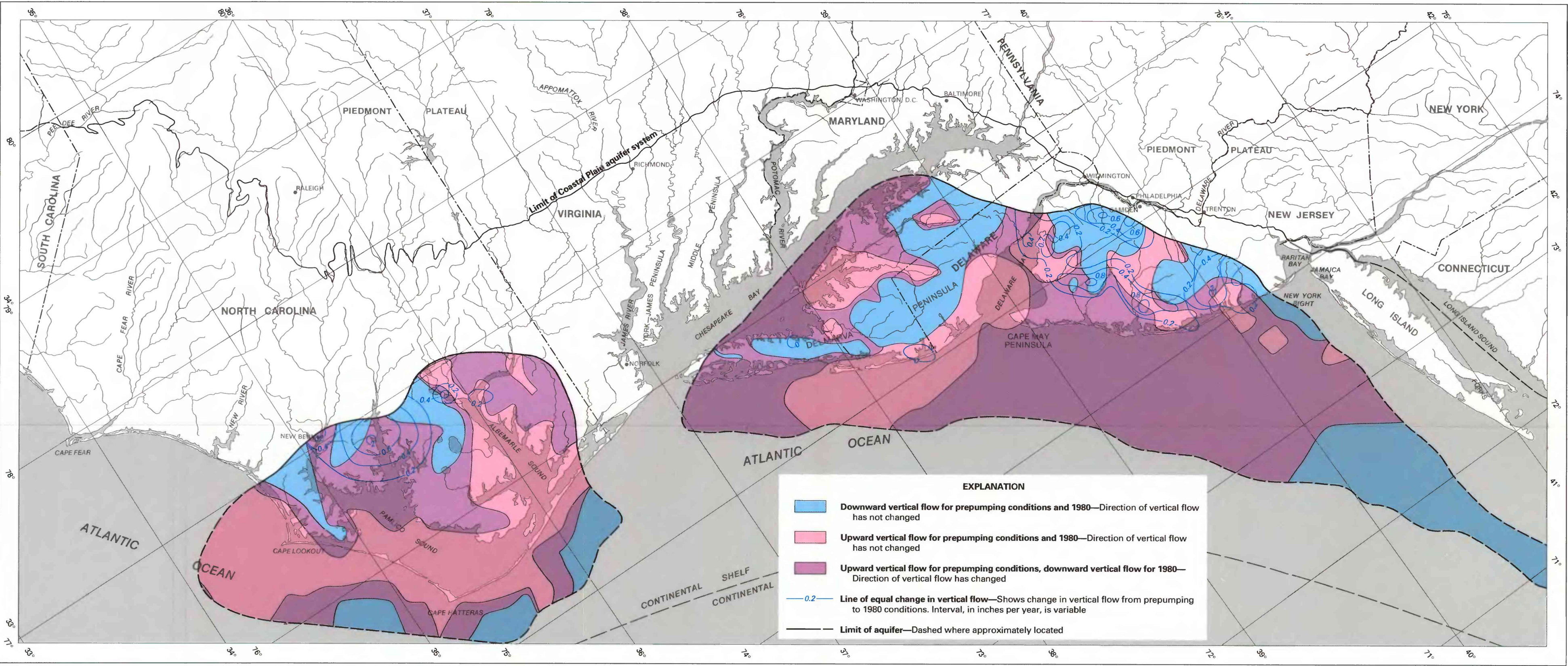
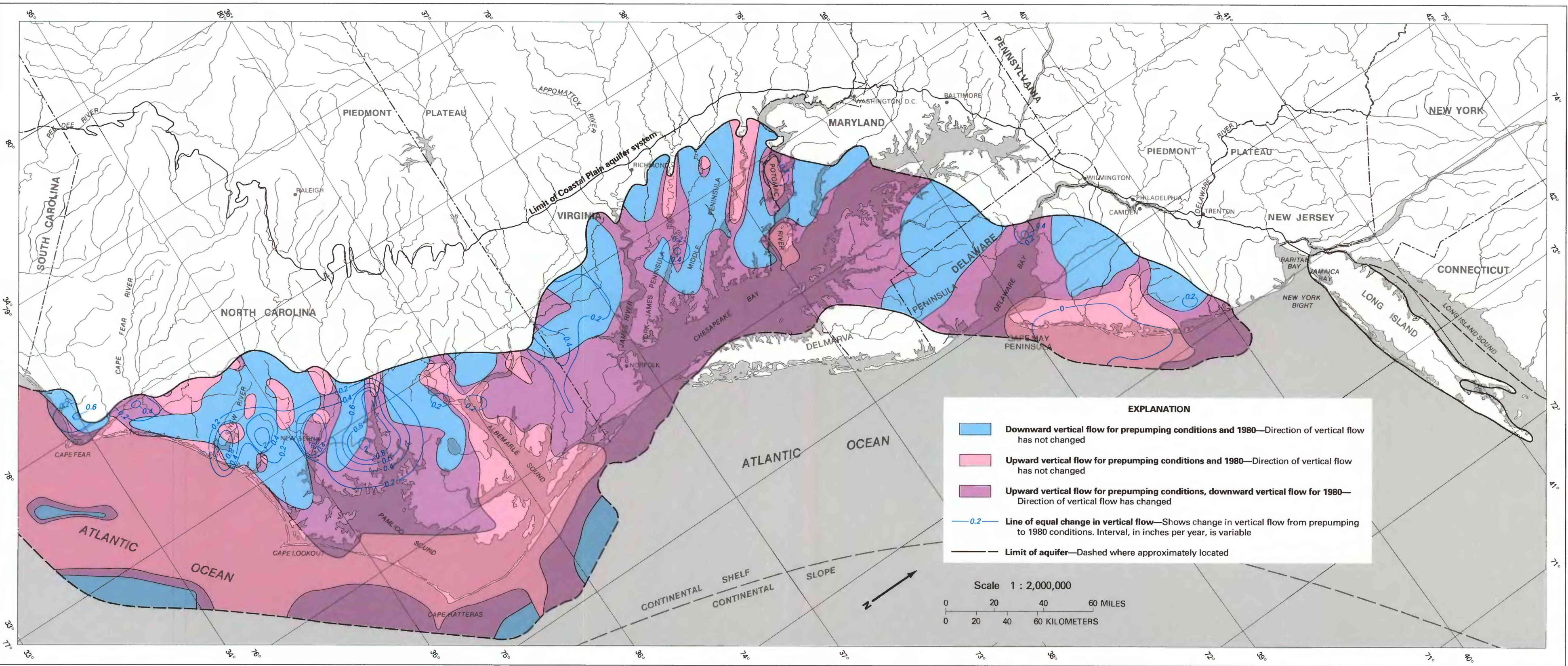


A. Confining unit overlying the upper Chesapeake aquifer (layer 9)



B. Confining unit overlying the lower Chesapeake aquifer (layer 8)



C. Confining unit overlying the Castle Hayne-Piney Point aquifer (layer 7)

MAPS SHOWING SIMULATED CHANGES IN VERTICAL LEAKAGE THROUGH THE CONFINING UNITS OVERLYING THE UPPER CHESAPEAKE, LOWER CHESAPEAKE, AND CASTLE HAYNE-PINEY POINT AQUIFERS FOR PREPUMPING TO 1980 FLOW CONDITIONS

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